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|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| att Ile | gag Glu | cgg Arg | gat Asp 355 | gca Ala | gct Ala | ctt Leu | gca Ala | gaa Glu 360 | aac Asn | gcc Ala | gga Gly | gtc Val | gat Asp 365 | att Ile | ctt Leu | 1346 |
| ttt Phe | acg Thr | cca Pro 370 | gat Asp | gct Ala | cat His | gat Asp | atg Met 375 | tat Tyr | ccc Pro | ggg Gly | gaa Glu | aag Lys 380 | aat Asn | gtc Val | acg Thr | 1394 |
| att Ile | cat His 385 | gta Val | gaa Glu | aga Arg | cgc Arg | aca Thr 390 | gac Asp | gtg Val | tta Leu | tgc Cys | ggg Gly 395 | cgc Arg | tca Ser | aga Arg | gaa Glu | 1442 |
| gga Gly 400 | cat His | ttt Phe | gac Asp | ggg Gly | gtc Val 405 | gcg Ala | atc Ile | gta Val | ctg Leu | acg Thr 410 | aag Lys | ctt Leu | ttc Phe | aat Asn | cta Leu 415 | 1490 |
| gtc Val | aag Lys | ccg Pro | act Thr | cgt Arg 420 | gcc Ala | tat Tyr | ttc Phe | ggg Gly | tta Leu 425 | aaa Lys | gat Asp | gcg Ala | cag Gln 430 | cag Gln | gta Val | 1538 |
| gct Ala | gtt Val | gtt Val | gat Asp 435 | ggg Gly | tta Leu | atc Ile | agc Ser | gac Asp 440 | ttc Phe | ttc Phe | atg Met | gat Asp | att Ile 445 | gaa Glu | ttg Leu | 1586 |
| gtt Val | cct Pro | gtc Val 450 | gat Asp | acg Thr | gtc Val | aga Arg | gag Glu 455 | gaa Glu | gac Asp | ggc Gly | tta Leu 460 | gcc Ala | aaa Lys | agc Ser | tct Ser | 1634 |
| cgc Arg | aat Asn 465 | gta Val | tac Tyr | tta Leu | aca Thr | gct Ala 470 | gag Glu | gaa Glu | aga Arg | aaa Lys | gaa Glu 475 | gcg Ala | cct Pro | aag Lys | ctg Leu | 1682 |
| tat Tyr 480 | cgg Arg | gcc Ala | ctt Leu | caa Gln | aca Thr 485 | agt Ser | gcg Ala | gaa Glu | ctt Leu | gtc Val 490 | caa Gln | gcc Ala | ggg Gly | gaa Glu | aga Arg 495 | 1730 |
| gat Asp | cct Pro | gaa Glu | gcg Ala | gtg Val 500 | ata Ile | aaa Lys | gct Ala | gca Ala | aaa Lys 505 | gat Asp | atc Ile | att Ile | gaa Glu | acg Thr 510 | act Thr | 1778 |
| agc Ser | gga Gly | acc Thr | ata Ile 515 | gac Asp | tat Tyr | gta Val | gag Glu 520 | ctt Leu | tat Tyr | tcc Ser | tat Tyr | cgc Pro | gaa Glu 525 | ctc Leu | gag Glu | 1826 |
| cct Pro | gtg Val | aat Asn 530 | gaa Glu | att Ile | gct Ala | gga Gly 535 | aag Lys | atg Met | att Ile | ctc Leu | gct Ala 540 | gtt Val | gca Ala | gtt Val | gct Ala | 1874 |
| ttt Phe | tca Ser | aaa Lys 545 | gcg Ala | cgt Arg | tta Leu | ata Ile 550 | gat Asp | aat Asn | atc Ile | att Ile 555 | att Ile | gat Asp | att Ile | cga Arg | gaa Glu | 1922 |
| atg Met 560 | gag Glu | aga Arg | ata Ile | taat | atg Met 565 | tat Tyr | cga Arg | aca Thr | atg Met | atg Met | agc Ser 570 | ggc Gly | aaa Lys | ctt Leu | cac His | 1971 |
| agg Arg 575 | gca Ala | act Thr | gtt Val | acg Thr | gaa Glu 580 | gca Ala | aac Asn | ctg Leu | aac Asn | tat Tyr 585 | gtg Val | gga Gly | agc Ser | att Ile | aca Thr 590 | 2019 |
| att | gat | gaa | gat | ctc | att | gat | gct | gtg | gga | atg | ctt | cct | aat | gaa | aaa | 2067 |

[illegible]

Ser Tyr Asp Val Lys Ala Leu Leu Glu Phe Leu Asn Asp Leu Lys Ser
115 120 125

| Year | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | |